QUARTERLY PROGRESS REPORT #31
SOUTH CAVALCADE SITE
BEAZER EAST, INC.
SECOND QUARTER 2006

I. WORK ACTIVITIES CONDUCTED

A. Remedial System Construction/Installation

1. Groundwater/DNAPL Collection System and Groundwater Treatment Plant

   - Construction of the groundwater collection and dense non-aqueous phase liquid recovery system and GWTP modifications are 100% complete.

   - Commencement of the installation of facilities related to system performance monitoring is contingent upon the resolution of the potential inapplicability of remedial goals and EPA approval of the Groundwater Extraction System Performance Monitoring Plan (GESPMP).

2. Soil Remediation

   - No construction activities were conducted during this reporting period. Contract closeout is complete. Construction of the concrete cap is 100% complete. Soil remediation construction completion is documented in the final Interim Remedial Action Report submitted to the EPA on August 30, 2000.

B. Remedial System Operations

1. Groundwater/DNAPL Collection System and Groundwater Treatment Plant

   - The DNAPL Collection System and Groundwater Treatment Plant system operations continued in the gradient enhanced mode until the Groundwater Treatment Plant PLC was struck by lightning, forcing shutdown of the plant and the suspension of groundwater pumping on the weekend of April 22, 2006. Beazer continued to monitor the DNAPL recovery wells and piezometers and remove accumulated DNAPL on an as needed basis. A summary of the DNAPL recovery data in the reporting period is included as Attachment A-1. DNAPL was removed from recovery well RWS-1 during the reporting period. On July 21, 2006, Beazer submitted to the EPA a written request to suspend groundwater pumping associated with the DNAPL recovery system while the FFS is completed.

   - Beazer and the EPA are currently evaluating the potential inapplicability of current remedial goals. The hydraulic containment component of the groundwater remedial system was delayed, in accordance with an agreement between Beazer and the EPA. This will delay groundwater collection and treatment pending determination of the potential inapplicability of current remedial goals for groundwater.

   - Beazer completed the Supplemental Groundwater Characterization field activities in September 2005. Beazer, EPA and TCEQ met on December 12,

2005 to discuss the results of the Supplemental Groundwater Characterization field activities. Beazer submitted the Report of Findings to EPA and TCEQ on March 1, 2006.

- A meeting among Beazer, TCEQ and EPA was held on April 11, 2006 to discuss the report and the next steps in the evaluation of the potential inapplicability of the current remedial goals. The parties agreed that Beazer will conduct an FFS to evaluate potential alternative groundwater remedies at the Site. Subsequently, conference calls were held on June 27 and July 10, 2006 to discuss the objectives and content of the FFS. Beazer provided EPA with a proposed outline for the FFS Report on July 21, 2006.

2. Soil Remediation

   - No activities were performed. Soil Remedial Activities are complete.

3. Other

   - Discharge Monitoring Reports for the months of April, May, and June 2006 were transmitted to the TCEQ during this reporting period on May 8, 2006, June 5, 2006, and July 5, 2006, respectively. There were no exceedances of the discharge limits during this reporting period.

   - The Second Quarter 2006 Biomonitoring Report could not be submitted to EPA and TCEQ because Beazer still has not received the 2004, 2005, and 2006 pre-printed Discharge Monitoring Report Forms provided by the USEPA in association with this permit. Beazer will resume completing and submitting the forms when received. In addition, because the plant operates in a batch mode, insufficient water is discharged to conduct a 24-hour biomonitoring test.

II. WORK ACTIVITIES SCHEDULED

A. Remedial System Construction/Installation

1. Groundwater/DNAPL Collection System and Groundwater Treatment Plant

   - No new construction/installation activities are scheduled for the next reporting period. Construction of the groundwater collection and dense non-aqueous phase liquid recovery system and GWTP modifications are 100% complete.

   - Commencement of the construction/installation activities related to the GESPMP is contingent upon the resolution of the potential inapplicability of groundwater remedial goals and EPA approval of the GESPMP. If necessary, these activities will commence upon EPA approval.

2. Soil Remediation

   No activities are scheduled. Construction of the soil remedial action is 100% complete.

B. Remedial System Operations

1. Groundwater/DNAPL Collection System and Groundwater Treatment Plant

   - Beazer will continue to monitor for and recover DNAPL.

   - Beazer and the EPA are currently evaluating the potential inapplicability of current remedial goals. The hydraulic containment component of the groundwater remedial system was not operated in accordance with an agreement between Beazer and the EPA. This will delay groundwater collection and treatment pending determination of the potential inapplicability of current remedial goals for groundwater.

   - Beazer submitted the Report of Findings for the Supplemental Groundwater Characterization on March 1, 2006. A meeting among Beazer, TCEQ and EPA was held on April 11, 2006 to discuss the report and the next steps in the evaluation of the potential inapplicability of the current remedial goals. The parties agreed that Beazer will conduct an FFS to evaluate potential alternative groundwater remedies at the Site. Subsequently, conference calls were held on June 27 and July 10, 2006 to discuss the objectives and content of the FFS. Beazer provided EPA with a proposed outline for the FFS Report on July 21, 2006. Beazer intends to complete and submit the FFS Report by the end of September 2006.

2. Soil Remediation

   - A concrete cap inspection will be conducted during 2006.

3. Other

   - The annual sampling of the deep groundwater will continue in 2006.

III. PROBLEMS ENCOUNTERED/RESOLVED DURING THE PREVIOUS REPORTING PERIOD

A. Remedial System Construction/Installation

1. Groundwater/DNAPL Collection System and Groundwater Treatment Plant

   - Lightning struck the Groundwater Treatment Plant PLC during the weekend of April 22, 2006, making the Treatment Plant inoperable and continuation of groundwater extraction associated with DNAPL recovery impracticable. On July 21, 2006, Beazer submitted to the EPA a written request to suspend groundwater pumping associated with the DNAPL recovery system while the FFS is completed. As indicated in this letter, Beazer will continue to monitor the DNAPL recovery wells and piezometers and remove accumulated DNAPL on an as needed basis.

2. Soil Remediation

   - No problems were encountered during this reporting period.

3. Other

   - No problems were encountered during this reporting period.

B. Remedial System Operations

1. Groundwater/DNAPL Collection System and Groundwater Treatment Plant

   - A detailed discussion of ongoing issues was presented in the February 1996 monthly progress report. Ongoing DNAPL Recovery activities/issues were also discussed in Section I.D.3.b. of the May, 1996 monthly report. Specifically, the February 1996 report discussed the approach to evaluating the potential inapplicability of the groundwater remedial goals and the methodology for DNAPL collection. Operation of the DNAPL collection system in the gradient-enhanced mode was described in the May 1996 report. Beazer will initiate preparation of a focused Feasibility Study in support of a ROD modification of the groundwater remedy and to determine the practicability of continued operation of the DNAPL recovery system.

2. Soil Remediation

   - No problems were encountered during this reporting period.

IV. KEY STAFFING CHANGES

A. Remedial System Construction/Installation

- There were no key staffing changes.

B. Remedial System Operations

- There were no key staffing changes.

C. Beazer

- There were no key staffing changes.

D. EPA / TCEQ

- There were no key staffing changes with the EPA or TCEQ.

V. ATTACHMENTS

A-1: Summary of DNAPL Recovery Data

A-2: Completed Operation and Maintenance Forms for the DNAPL Collection System (none – omitted from this quarterly report)

A-3: Completed Operation and Maintenance Forms for the Water Treatment Plant

A-4: Texas Commission on Environmental Quality (TCEQ) Monthly Effluent Reports

VI. APPENDICES

A. The following appendices are attached:

- Appendix A: Previous Meeting Minutes (none– omitted from this quarterly report).
- Appendix B: Schedule
- Appendix C: Daily Logs (none– omitted from the quarterly report)
- Appendix D: Weekly Progress Reports (none– omitted from the quarterly report)

- Appendix E: Construction QA Inspection Logs (none– omitted from the quarterly report)
- Appendix F: Inspection and Testing Data (none– omitted from the quarterly report)
- Appendix G: Problem Identification and Corrective Measures (PI/CM) Report (none– omitted from the quarterly report)
- Appendix H: Owner Approved Submittals (none– omitted from the quarterly report)
- Appendix I: Field Orders (none– omitted from the quarterly report)
- Appendix J: Change Orders (none– omitted from the quarterly report)
- Appendix K: Manifests (none–omitted from the quarterly report)
- Appendix L: Analytical Laboratory Results (none– omitted from the quarterly report)
- Appendix M: Operational Logs (none– omitted from the monthly report)

APPENDIX A

PREVIOUS MEETING MINUTES

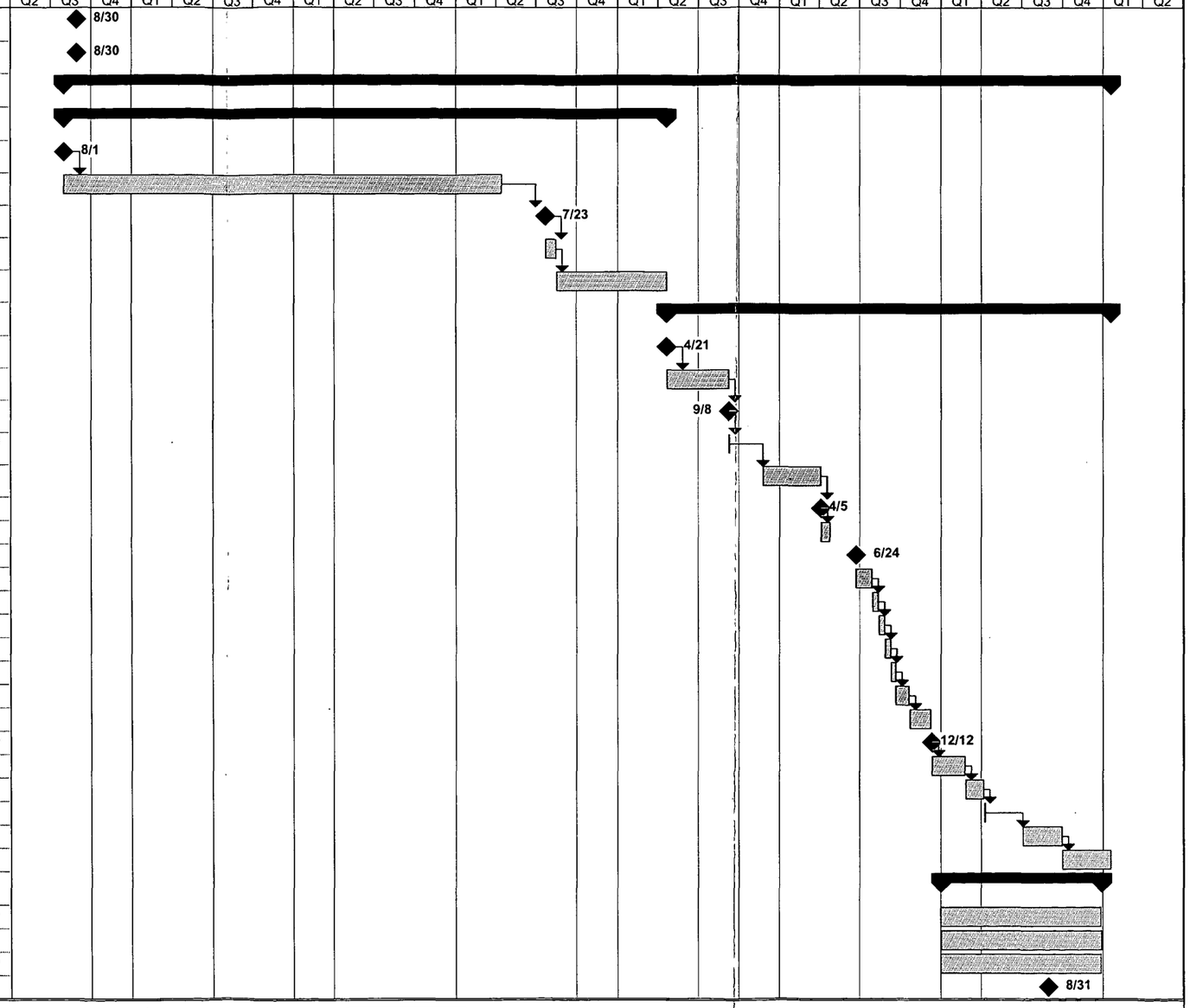
(None – Omitted from this Report)

APPENDIX B

SCHEDULE

QUARTERLY REPORT SCHEDULE
QUARTERLY PROGRESS REPORT # 31
SOUTH CAVALCADE SUPERFUND SITE

ID	Task Name	Duration	Start	Finish
1	**SOIL CONCRETE CAP CONSTRUCTION**	**0 days**	**Wed 8/30/00**	**Wed 8/30/00**
2	Soil Remedial Action Completed	0 days	Wed 8/30/00	Wed 8/30/00
3	**GROUNDWATER INVESTIGATIONS AND STUDIES**	**1691 days?**	**Tue 8/1/00**	**Fri 1/19/07**
4	**GFTER Verification**	**972 days**	**Tue 8/1/00**	**Tue 4/20/04**
5	Report Submitted to EPA	0 days	Tue 8/1/00	Tue 8/1/00
6	Agency Review	706 days	Tue 8/1/00	Mon 4/14/03
7	Meeting	0 days	Wed 7/23/03	Wed 7/23/03
8	Response to Comments	17 days	Thu 7/24/03	Fri 8/15/03
9	Agency Review	177 days	Mon 8/18/03	Tue 4/20/04
10	**Supplemental GW Characterization**	**719 days?**	**Wed 4/21/04**	**Fri 1/19/07**
11	Project Meeting	1 day	Wed 4/21/04	Wed 4/21/04
12	Geologic Data Review/Evaluation	99 days	Thu 4/22/04	Tue 9/7/04
13	Project Meeting	1 day	Wed 9/8/04	Wed 9/8/04
14	Boring/Temporary Well Plan Preparation	55 days	Thu 9/9/04	Wed 11/24/04
15	Boring/Temporary Well Plan Review/Approval	93 days	Thu 11/25/04	Mon 4/4/05
16	Project Meeting	1 day	Tue 4/5/05	Tue 4/5/05
17	Boring/Temporary Well Work Plan	14 days	Wed 4/6/05	Mon 4/25/05
18	Submission of QAPP	0 days	Fri 6/24/05	Fri 6/24/05
19	Work Plan and QAPP Review/Comment	26 days	Fri 6/24/05	Fri 7/29/05
20	Work Plan and QAPP Revision	10 days	Mon 8/1/05	Fri 8/12/05
21	Revised Work Plan Review/Approval	10 days	Mon 8/15/05	Fri 8/26/05
22	Subcontract Procurement/Mobilization	10 days	Mon 8/29/05	Fri 9/9/05
23	Temporary Wells/Groundwater Sampling	8 days	Mon 9/12/05	Wed 9/21/05
24	GroundwaterAnalyses	22 days	Thu 9/22/05	Fri 10/21/05
25	Data Evaluation	35 days	Mon 10/24/05	Fri 12/9/05
26	Project Meeting	1 day	Mon 12/12/05	Mon 12/12/05
27	Supplemental Groundwater Characterization	54 days?	Tue 12/13/05	Fri 2/24/06
28	Agency Review	30 days	Mon 2/27/06	Fri 4/7/06
29	Focused FS Project Meeting	2 days	Mon 4/10/06	Tue 4/11/06
30	Prepare Focused FS	64 days	Wed 7/5/06	Sat 9/30/06
31	Agency Review/Approval	80 days	Mon 10/2/06	Fri 1/19/07
32	**SITE MONITORING, INSPECTIONS, AND MAINTENANCE (2006)**	**261 days**	**Mon 1/2/06**	**Fri 12/29/06**
33	GWTP Inspections and Maintenance	260 days	Mon 1/2/06	Thu 12/28/06
34	Plant Effluent Performance Monitoring	260 days	Tue 1/3/06	Fri 12/29/06
35	DNAPL Recovery System Inspection/Maintenance	260 days	Mon 1/2/06	Thu 12/28/06
36	Cap Inspection	1 day	Thu 8/31/06	Thu 8/31/06



Task Progress Milestone Summary

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Tue 8/8/06

QUARTERLY REPORT SCHEDULE

ATTACHMENT A-1

SUMMARY OF DNAPL RECOVERY DATA

Table A-1
DNAPL Recovery Data Summary
South Cavalcade Site
Houston, Texas

Well Identification	Date	DNAPL Thickness (ft.)	DNAPL Collected (gal.)	Cumulative DNAPL Collected (gal.)	Totalized Flow (gal. of groundwater)	Cumulative Totalized Flow (gal. of groundwater)	DNAPL Recovery Rate (gal./day)	Water Collected/DNAPL Recovered (gal./gal.)	Remarks
RWS-1	2004 TOTAL	---	137.68	1570.67	50276.00	---	0.38	365.17	ANNUAL TOTALS / AVERAGES
RWS-1	1/4/2005	2.51	0.00	1570.67	1529.00	473958.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	1/6/2005	0.63	0.00	1570.67	281.00	474239.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	1/10/2005	2.04	5.32	1575.99	668.00	474907.96	0.38	556.77	System Operating in Gradient Enhanced Mode
RWS-1	1/11/2005	0.63	0.00	1575.99	475.00	475382.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	1/17/2005	1.86	4.77	1580.76	62.00	475444.96	0.68	112.58	Adjusted Flow Rate to 0.30 gpm
RWS-1	1/19/2005	0.61	0.00	1580.76	650.00	476094.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	1/24/2005	2.05	5.35	1586.11	1805.00	477899.96	0.76	458.88	Rebuilt and Replaced Solenoid - Air Leak
RWS-1	2/8/2005	1.00	0.00	1586.11	678.00	478577.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	2/10/2005	0.63	0.00	1586.11	18.00	478595.96	---	---	Adjusted Flow Rate to 0.30 gpm
RWS-1	2/15/2005	1.27	0.00	1586.11	189.00	478784.96	---	---	Adjusted Flow Rate to 0.30 gpm
RWS-1	2/17/2005	1.13	0.00	1586.11	335.00	479119.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	2/21/2005	1.53	3.99	1590.10	54.00	479173.96	0.14	319.30	Adjusted Flow Rate to 0.30 gpm
RWS-1	2/25/2005	0.10	0.00	1590.10	277.00	479450.96	---	---	Adjusted Flow Rate to 0.30 gpm
RWS-1	3/1/2005	0.67	0.00	1590.10	571.00	480021.96	---	---	Solenoid Not Working - Replaced
RWS-1	3/3/2005	0.90	0.00	1590.10	259.00	480280.96	---	---	Adjusted Flow Rate to 0.30 gpm
RWS-1	3/10/2005	0.98	0.00	1590.10	361.00	480641.96	---	---	Adjusted Flow Rate to 0.30 gpm
RWS-1	3/14/2005	0.90	0.00	1590.10	458.00	481099.96	---	---	Solenoid Not Working - Replaced
RWS-1	3/17/2005	2.00	5.22	1595.32	1189.00	482288.96	0.22	596.74	System Operating in Gradient Enhanced Mode
RWS-1	3/22/2005	0.91	0.00	1595.32	1333.00	483621.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	3/24/2005	1.45	3.78	1599.10	---	483621.96	0.54	352.65	Adjusted Flow Rate to 0.30 gpm
RWS-1	3/31/2005	0.71	0.00	1599.10	33.00	483654.96	---	---	Adjusted Flow Rate to 0.30 gpm - Replaced Needle Valve
RWS-1	4/4/2005	0.70	0.00	1599.10	61.00	483715.96	---	---	Adjusted Flow Rate to 0.30 gpm
RWS-1	4/14/2005	3.70	9.65	1608.75	4736.00	488451.96	0.46	500.52	System Operating in Gradient Enhanced Mode
RWS-1	4/20/2005	0.68	0.00	1608.75	601.00	489052.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	4/26/2005	2.00	0.00	1608.75	152.00	489204.96	---	---	Pallets and Trucks In The Way - Could Not Pump Out DNAPL
RWS-1	4/28/2005	2.57	0.00	1608.75	301.00	489505.96	---	---	Flow meter not working - Replaced
RWS-1	5/3/2005	0.47	0.00	1608.75	0.00	489505.96	---	---	Batteries Dead in Flow Meter - Replaced
RWS-1	5/6/2005	0.91	0.00	1608.75	879.00	490384.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	5/10/2005	1.90	4.95	1613.70	1161.00	491545.96	0.19	625.05	System Operating in Gradient Enhanced Mode
RWS-1	5/16/2005	1.82	4.70	1618.40	2429.00	493974.96	0.78	516.81	System Operating in Gradient Enhanced Mode
RWS-1	5/18/2005	0.70	0.00	1618.40	719.00	494693.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	5/23/2005	1.67	4.35	1622.75	1588.00	496281.96	0.62	530.34	System Operating in Gradient Enhanced Mode
RWS-1	5/26/2005	0.62	0.00	1622.75	94.00	496375.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	5/31/2005	1.32	3.44	1626.19	1215.00	497590.96	0.43	380.52	System Operating in Gradient Enhanced Mode
RWS-1	6/3/2005	0.62	0.00	1626.19	602.00	498192.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	6/7/2005	1.61	0.00	1626.19	1327.00	499519.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	6/9/2005	2.05	5.35	1631.54	734.00	500253.96	0.59	497.76	System Operating in Gradient Enhanced Mode
RWS-1	6/13/2005	1.10	2.87	1634.41	1553.00	501806.96	0.72	541.11	System Operating in Gradient Enhanced Mode
RWS-1	6/22/2005	1.70	0.00	1634.41	1786.00	503592.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	6/29/2005	3.42	8.90	1643.31	2246.00	505838.96	0.56	453.03	System Operating in Gradient Enhanced Mode
RWS-1	7/7/2005	1.65	0.00	1643.31	2029.00	507867.96	---	---	Trucks In The Way - Could Not Pump Out DNAPL
RWS-1	7/11/2005	2.67	6.96	1650.27	971.00	508838.96	0.58	431.03	System Operating in Gradient Enhanced Mode
RWS-1	7/14/2005	0.62	0.00	1650.27	808.00	509646.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	7/21/2005	1.13	2.94	1653.21	849.00	510495.96	0.29	563.61	System Operating in Gradient Enhanced Mode
RWS-1	7/26/2005	1.42	3.70	1656.91	1721.00	512216.96	0.74	465.14	System Operating in Gradient Enhanced Mode
RWS-1	7/28/2005	0.63	0.00	1656.91	684.00	512900.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	8/1/2005	1.61	4.20	1661.11	1016.00	513916.96	0.70	404.76	System Operating in Gradient Enhanced Mode
RWS-1	8/8/2005	0.67	0.00	1661.11	585.00	514501.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	8/8/2005	1.93	5.03	1666.14	1597.00	516098.96	0.72	433.80	System Operating in Gradient Enhanced Mode
RWS-1	8/10/2005	0.69	0.00	1666.14	2149.00	518247.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	8/17/2005	1.01	0.00	1666.14	961.00	519208.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	8/19/2005	1.31	3.41	1669.55	356.00	519564.96	0.38	386.22	System Operating in Gradient Enhanced Mode
RWS-1	8/22/2005	0.83	0.00	1669.55	984.00	520548.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	8/29/2005	2.76	7.20	1676.75	2709.00	523257.96	0.72	512.92	System Operating in Gradient Enhanced Mode
RWS-1	9/6/2005	1.39	3.62	1680.37	15.00	523272.96	0.45	4.14	Solenoid not working
RWS-1	9/8/2005	trace	0.00	1680.37	0.00	523272.96	---	---	Solenoid / Pump not working
RWS-1	9/12/2005	0.10	0.00	1680.37	0.00	523272.96	---	---	Pump not working
RWS-1	9/14/2005	trace	0.00	1680.37	720.00	523992.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	9/21/2005	2.02	5.27	1685.64	1992.00	525984.96	0.35	514.61	System Operating in Gradient Enhanced Mode
RWS-1	9/28/2005	0.29	0.00	1685.64	275.00	526259.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	10/3/2005	1.45	3.78	1689.42	1652.00	527911.96	0.31	509.79	System Operating in Gradient Enhanced Mode
RWS-1	10/7/2005	0.15	0.00	1689.42	120.00	528031.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	10/14/2005	0.80	0.00	1689.42	948.00	528979.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	10/17/2005	1.00	0.00	1689.42	5.00	528984.96	---	---	Solenoid Not Working - Replaced
RWS-1	10/19/2005	1.18	0.00	1689.42	256.00	529240.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	10/24/2005	1.90	0.00	1689.42	105.00	529345.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	10/27/2005	1.85	0.00	1689.42	4.00	529349.96	---	---	Adjusted flow rate to 0.30gpm
RWS-1	11/1/2005	1.83	4.77	1694.19	931.00	530280.96	0.16	496.65	System Operating in Gradient Enhanced Mode
RWS-1	11/3/2005	0.37	0.00	1694.19	407.00	530687.96	---	---	System Operating in Gradient Enhanced Mode
RWS-1	11/8/2005	0.64	0.00	1694.19	319.00	531006.96	---	---	Adjusted flow rate to 0.30gpm
RWS-1	11/10/2005	trace	0.00	1694.19	21.00	531027.96	---	---	Adjusted flow rate to 0.30gpm
RWS-1	11/14/2005	1.72	4.48	1698.67	0.30	531028.26	0.34	166.81	System Operating in Gradient Enhanced Mode
RWS-1	11/16/2005	0.27	0.00	1698.67	181.00	531209.26	---	---	System Operating in Gradient Enhanced Mode
RWS-1	11/21/2005	1.23	0.00	1698.67	1543.00	532752.26	---	---	Adjusted flow rate to 0.30gpm
RWS-1	11/29/2005	2.21	5.76	1704.43	656.00	533408.26	0.38	413.19	Adjusted flow rate to 0.30gpm
RWS-1	12/5/2005	0.13	0.00	1704.43	4.00	533412.26	---	---	Pump not working
RWS-1	12/9/2005	0.61	0.00	1704.43	268.00	533680.26	---	---	Pump not working in automatic mode
RWS-1	12/12/2005	0.52	0.00	1704.43	31.00	533711.26	---	---	Adjusted flow rate to 0.30gpm
RWS-1	12/19/2005	1.26	0.00	1704.43	1519.00	535230.26	---	---	Pump not working in automatic mode
RWS-1	12/27/2005	2.88	7.30	1711.73	1821.00	537051.26	0.26	499.04	Adjusted Flow Rate to 0.30gpm / Pump not working in automatic mode
RWS-1	2/3/2006	10.51	27.43	1739.16	10435.00	547486.26	0.72	380.42	Adjusted Flow Rate to 0.30gpm
RWS-1	3/16/2006	10.00	26.10	1765.26	12419.60	559905.86	0.64	475.85	Flow Totalizer Required Repairs
RWS-1	4/5/2006	7.51	19.60	1784.86	7.00	559912.86	0.98	0.36	Flow Totalizer Required Repairs
RWS-1	4/20/2006	10.93	12.00	1796.86	12.00	559924.86	0.90	0.60	Flow Totalizer Required Repairs
RWS-1	5/25/2006	N/A	N/A	1796.86	N/A	559924.86	---	---	Access to Well Blocked / System Shut Down
RWS-1	6/19/2006	0.50	0.00	1796.86	0.00	559924.86	---	---	System Shut Down

Table A-1
DNAPL Recovery Data Summary
South Cavalcade Site
Houston, Texas

Well Identification	Date	DNAPL Thickness (ft.)	DNAPL Collected (gal.)	Cumulative DNAPL Collected (gal.)	Totalized Flow (gal. of groundwater)	Cumulative Totalized Flow (gal. of groundwater)	DNAPL Recovery Rate (gal./day)	Water Collected/DNAPL Recovered (gal./gal.)	Remarks
RWS-2	2004 TOTAL	---	26.46	1718.21	63523.00	---	0.07	2400.72	ANNUAL TOTALS / AVERAGES
RWS-2	1/4/2005	2.29	0.00	1718.21	852.00	399197.71	---	---	Trucks in the way - Could not pump DNAPL
RWS-2	1/6/2005	2.01	0.00	1718.21	105.00	399302.71	---	---	Adjusted Flow Rate to 0.30 gpm
RWS-2	1/10/2005	2.11	5.51	1723.72	---	399302.71	0.14	1385.66	Dead Batteries in Flow Meter
RWS-2	1/11/2005	0.13	0.00	1723.72	577.00	399879.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	1/17/2005	0.76	0.00	1723.72	1405.00	401284.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	1/19/2005	0.76	0.00	1723.72	729.00	402013.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	1/24/2005	0.67	0.00	1723.72	2.00	402015.71	---	---	Adjusted Flow Rate to 0.30 gpm
RWS-2	2/8/2005	0.69	0.00	1723.72	750.00	402765.71	---	---	Pump Not Working
RWS-2	2/10/2005	0.57	0.00	1723.72	0.00	402765.71	---	---	Replaced Pump, Solenoid and Needle Valve
RWS-2	2/15/2005	0.13	0.00	1723.72	4.00	402769.71	---	---	Pump Not Working
RWS-2	2/17/2005	0.69	0.00	1723.72	79.00	402848.71	---	---	Pump Not Working - Replaced
RWS-2	2/21/2005	1.60	4.10	1727.82	1565.00	404413.71	0.10	1246.59	System Operating in Gradient Enhanced Mode
RWS-2	2/25/2005	0.62	0.00	1727.82	888.00	405301.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	3/1/2005	0.73	0.00	1727.82	809.00	406110.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	3/3/2005	0.93	0.00	1727.82	517.00	406627.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	3/10/2005	1.45	3.78	1731.60	1299.00	407926.71	0.22	929.37	System Operating in Gradient Enhanced Mode
RWS-2	3/14/2005	0.10	0.00	1731.60	232.00	408158.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	3/17/2005	0.34	0.00	1731.60	586.00	408744.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	3/22/2005	0.70	0.00	1731.60	1409.00	410153.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	3/24/2005	0.70	0.00	1731.60	---	410153.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	3/31/2005	1.17	0.00	1731.60	508.00	410661.71	---	---	Trucks in the way - Could Not Pump DNAPL
RWS-2	4/4/2005	1.31	3.41	1735.01	410.00	411071.71	0.14	922.29	System Operating in Gradient Enhanced Mode
RWS-2	4/14/2005	0.69	0.00	1735.01	2348.00	413419.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	4/20/2005	0.65	0.00	1735.01	381.00	413800.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	4/26/2005	1.06	0.00	1735.01	13386.00	427186.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	4/28/2005	0.69	0.00	1735.01	31.00	427217.71	---	---	Adjusted Flow Rate to 0.30 gpm
RWS-2	5/3/2005	1.40	0.00	1735.01	246.00	427463.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	5/6/2005	1.30	0.00	1735.01	742.00	428205.71	---	---	Trucks in The Way - Could Not Pump DNAPL
RWS-2	5/10/2005	1.42	0.00	1735.01	1007.00	429212.71	---	---	Trucks In the Way - Could Not Pump DNAPL
RWS-2	5/16/2005	1.85	0.00	1735.01	1626.00	430838.71	---	---	Cars In The Way - Could Not Pump DNAPL
RWS-2	5/18/2005	1.85	0.00	1735.01	523.00	431361.71	---	---	Cars In The Way - Could Not Pump DNAPL
RWS-2	5/23/2005	2.41	0.00	1735.01	1283.00	432644.71	---	---	Cars In The Way - Could Not Pump DNAPL
RWS-2	5/26/2005	1.89	0.00	1735.01	523.00	433167.71	---	---	Cars In The Way - Could Not Pump DNAPL
RWS-2	5/31/2005	2.42	0.00	1735.01	1264.00	434431.71	---	---	Adjusted Flow Rate to 0.30 gpm
RWS-2	6/3/2005	2.71	7.07	1742.08	756.00	435187.71	0.12	3411.03	System Operating in Gradient Enhanced Mode
RWS-2	6/7/2005	0.17	0.00	1742.08	1114.00	436301.71	---	---	Adjusted Flow Rate to 0.30 gpm
RWS-2	6/9/2005	0.39	0.00	1742.08	1662.00	437963.71	---	---	Adjusted Flow Rate to 0.30 gpm
RWS-2	6/13/2005	0.53	0.00	1742.08	1662.00	439625.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	6/22/2005	0.83	0.00	1742.08	1741.00	441366.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	6/29/2005	1.27	0.00	1742.08	1437.00	442803.71	---	---	Trucks in The Way - Could Not Pump DNAPL
RWS-2	7/7/2005	1.34	0.00	1742.08	1477.00	444280.71	---	---	Trucks in The Way - Could Not Pump DNAPL
RWS-2	7/11/2005	1.90	0.00	1742.08	626.00	444906.71	---	---	Trucks in The Way - Could Not Pump DNAPL
RWS-2	7/14/2005	2.11	0.00	1742.08	455.00	445361.71	---	---	Trucks in The Way - Could Not Pump DNAPL
RWS-2	7/21/2005	1.45	0.00	1742.08	926.00	446287.71	---	---	Trucks in The Way - Could Not Pump DNAPL
RWS-2	7/26/2005	2.42	6.31	1748.39	1191.00	447478.71	0.12	1947.86	System Operating in Gradient Enhanced Mode
RWS-2	7/28/2005	0.31	0.00	1748.39	591.00	448069.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	8/1/2005	0.32	0.00	1748.39	783.00	448852.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	8/8/2005	0.48	0.00	1748.39	405.00	449257.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	8/8/2005	0.67	0.00	1748.39	812.00	450069.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	8/10/2005	0.70	0.00	1748.39	400.00	450469.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	8/17/2005	0.61	0.00	1748.39	1563.00	452032.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	8/19/2005	1.78	0.00	1748.39	430.00	452462.71	---	---	Trucks in the way - Could not pump DNAPL
RWS-2	8/22/2005	1.73	0.00	1748.39	652.00	453114.71	---	---	Cars In The Way - Could Not Pump DNAPL
RWS-2	8/29/2005	2.01	0.00	1748.39	71.00	453185.71	---	---	Cars In The Way - Could Not Pump DNAPL
RWS-2	9/6/2005	2.47	0.00	1748.39	913.00	454098.71	---	---	Cars In The Way - Could Not Pump DNAPL
RWS-2	9/8/2005	1.98	0.00	1748.39	277.00	454375.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	9/12/2005	2.78	7.28	1755.67	701.00	455076.71	0.15	1043.68	System Operating in Gradient Enhanced Mode
RWS-2	9/14/2005	trace	0.00	1755.67	15.00	455091.71	---	---	Adjusted Flow Rate to 0.30 gpm
RWS-2	9/21/2005	0.79	0.00	1755.67	1402.00	456493.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	9/28/2005	0.27	0.00	1755.67	330.00	456823.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	10/3/2005	0.61	0.00	1755.67	1166.00	457989.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	10/7/2005	0.72	0.00	1755.67	993.00	458982.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	10/14/2005	1.49	0.00	1755.67	1665.00	460647.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	10/17/2005	1.24	0.00	1755.67	666.00	461313.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	10/19/2005	1.89	0.00	1755.67	415.00	461728.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	10/24/2005	1.78	0.00	1755.67	1086.00	462814.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	10/27/2005	1.87	0.00	1755.67	584.00	463398.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	11/1/2005	2.67	6.96	1762.63	911.00	464309.71	0.14	1326.58	System Operating in Gradient Enhanced Mode
RWS-2	11/3/2005	0.17	0.00	1762.63	179.00	464488.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	11/8/2005	0.41	0.00	1762.63	671.00	465159.71	---	---	Replaced Totalizer
RWS-2	11/10/2005	0.64	0.00	1762.63	212.00	465371.71	---	---	System Operating in Gradient Enhanced Mode
RWS-2	11/14/2005	0.42	0.00	1762.63	0.30	465372.01	---	---	System Operating in Gradient Enhanced Mode
RWS-2	11/16/2005	0.47	0.00	1762.63	212.00	465584.01	---	---	System Operating in Gradient Enhanced Mode
RWS-2	11/21/2005	0.64	0.00	1762.63	536.00	466120.01	---	---	System Operating in Gradient Enhanced Mode
RWS-2	11/29/2005	1.63	0.00	1762.63	841.00	466961.01	---	---	System Operating in Gradient Enhanced Mode
RWS-2	12/5/2005	2.00	0.00	1762.63	674.00	467635.01	---	---	Cars In The Way - Could Not Pump DNAPL
RWS-2	12/9/2005	1.67	0.00	1762.63	394.00	468029.01	---	---	Trucks in the way - Could not pump DNAPL
RWS-2	12/12/2005	1.96	0.00	1762.63	361.00	468390.01	---	---	Cars In The Way - Could Not Pump DNAPL
RWS-2	12/19/2005	2.29	0.00	1762.63	521.00	468911.01	---	---	Cars In The Way - Could Not Pump DNAPL
RWS-2	12/27/2005	2.55	6.65	1769.28	1133.00	470044.01	0.12	862.30	System Operating in Gradient Enhanced Mode
RWS-2	2/3/2006	3.35	8.74	1778.02	221.00	470265.01	0.23	25.29	System Operating in Gradient Enhanced Mode
RWS-2	3/16/2006	2.83	7.39	1785.41	29.00	470294.01	0.18	3.92	Flow Totalizer Required Repairs
RWS-2	4/5/2006	0.80	0.00	1785.41	401.00	470695.01	---	---	System Operating in Gradient Enhanced Mode
RWS-2	4/19/2006	0.80	0.00	1785.41	3042.00	473737.01	---	---	System Operating in Gradient Enhanced Mode
RWS-2	5/25/2006	N/A	N/A	1785.41	N/A	473737.01	---	---	Car Parked on Well / System Shut Down
RWS-2	6/19/2006	0.50	0.00	1785.41	0.00	473737.01	---	---	System Shut Down

Table A-1
DNAPL Recovery Data Summary
South Cavalcade Site
Houston, Texas

Well Identification	Date	DNAPL Thickness (ft.)	DNAPL Collected (gal.)	Cumulative DNAPL Collected (gal.)	Totalized Flow (gal. of groundwater)	Cumulative Totalized Flow (gal. of groundwater)	DNAPL Recovery Rate (gal./day)	Water Collected/DNAPL Recovered (gal./gal.)	Remarks
RWN-4	2004 TOTAL	---	85.16	2778.32	43719.40	---	0.23	513.38	ANNUAL TOTALS / AVERAGES
RWN-4	1/4/2005	1.20	0.00	2778.32	1686.00	454122.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	1/6/2005	1.00	0.30	2778.62	566.00	454688.77	0.03	9583.33	System Operating in Gradient Enhanced Mode
RWN-4	1/10/2005	1.62	4.20	2782.82	1086.00	455774.77	1.05	258.57	System Operating in Gradient Enhanced Mode
RWN-4	1/11/2005	0.10	0.00	2782.82	471.00	456245.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	1/17/2005	0.68	0.00	2782.82	1429.00	457674.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	1/19/2005	1.10	0.00	2782.82	546.00	458220.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	1/24/2005	1.57	4.09	2786.91	1187.00	459407.77	0.29	888.26	System Operating in Gradient Enhanced Mode
RWN-4	2/8/2005	1.75	4.56	2791.47	4105.00	463512.77	0.30	900.22	System Operating in Gradient Enhanced Mode
RWN-4	2/10/2005	0.46	0.00	2791.47	965.00	464477.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	2/15/2005	1.30	0.00	2791.47	2057.00	466534.77	---	---	Adjusted Flow Rate to 0.3 gpm
RWN-4	2/17/2005	1.30	3.39	2794.86	772.00	467306.77	0.38	1119.17	System Operating in Gradient Enhanced Mode
RWN-4	2/21/2005	0.73	0.00	2794.86	1409.00	468715.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	2/25/2005	0.70	0.00	2794.86	590.00	469305.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	3/1/2005	0.94	0.00	2794.86	967.00	470272.77	---	---	Solenoid Not Working - Replaced
RWN-4	3/3/2005	1.32	0.00	2794.86	622.00	470894.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	3/10/2005	1.41	3.68	2798.54	2300.00	473194.77	0.18	1600.00	Adjusted Flow Rate to 0.3 gpm
RWN-4	3/14/2005	0.71	0.00	2798.54	1693.00	474887.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	3/17/2005	1.10	0.00	2798.54	1173.00	476060.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	3/22/2005	1.56	4.07	2802.61	1682.00	477742.77	0.34	1117.44	System Operating in Gradient Enhanced Mode
RWN-4	3/24/2005	0.60	0.00	2802.61	---	477742.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	3/31/2005	1.15	0.00	2802.61	732.00	478474.77	---	---	Hole in Water Line - Replaced
RWN-4	4/4/2005	1.71	4.46	2807.07	1445.00	479919.77	0.34	488.12	System Operating in Gradient Enhanced Mode
RWN-4	4/14/2005	1.12	0.00	2807.07	3268.00	483187.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	4/20/2005	0.35	0.00	2807.07	504.00	483691.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	4/26/2005	0.75	0.00	2807.07	1704.00	485395.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	4/28/2005	1.10	0.00	2807.07	476.00	485871.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	5/3/2005	1.10	2.87	2809.94	292.00	486163.77	0.10	2175.61	System Operating in Gradient Enhanced Mode
RWN-4	5/6/2005	0.57	0.00	2809.94	696.00	486859.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	5/10/2005	0.78	0.00	2809.94	848.00	487707.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	5/16/2005	0.95	0.00	2809.94	1456.00	489163.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	5/18/2005	0.99	0.00	2809.94	413.00	489576.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	5/23/2005	1.71	4.46	2814.40	849.00	490425.77	0.22	955.61	System Operating in Gradient Enhanced Mode
RWN-4	5/26/2005	0.28	0.00	2814.40	419.00	490844.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	5/31/2005	0.67	0.00	2814.40	944.00	491788.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	6/3/2005	0.68	0.00	2814.40	387.00	492175.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	6/7/2005	0.82	0.00	2814.40	478.00	492653.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	6/9/2005	0.96	0.00	2814.40	278.00	492931.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	6/13/2005	1.35	3.52	2817.92	440.00	493371.77	0.17	836.93	System Operating in Gradient Enhanced Mode
RWN-4	6/22/2005	0.63	0.00	2817.92	358.00	493729.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	6/29/2005	0.72	0.00	2817.92	14.00	493743.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	7/7/2005	0.71	0.00	2817.92	---	493743.77	---	---	Replaced Flow Meter
RWN-4	7/11/2005	1.40	3.65	2821.57	---	493743.77	0.13	101.92	System Operating in Gradient Enhanced Mode
RWN-4	7/14/2005	trace	0.00	2821.57	346.00	494089.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	7/21/2005	0.11	0.00	2821.57	593.00	494682.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	7/26/2005	0.72	0.00	2821.57	1132.00	495814.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	7/28/2005	0.70	0.00	2821.57	590.00	496404.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	8/1/2005	0.98	0.00	2821.57	879.00	497283.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	8/8/2005	1.23	0.00	2821.57	633.00	497916.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	8/8/2005	1.80	4.69	2826.26	1306.00	499222.77	0.17	1168.23	System Operating in Gradient Enhanced Mode
RWN-4	8/10/2005	0.21	0.00	2826.26	522.00	499744.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	8/17/2005	0.70	0.00	2826.26	1493.00	501237.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	8/19/2005	0.81	0.00	2826.26	446.00	501683.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	8/22/2005	1.13	0.00	2826.26	709.00	502392.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	8/29/2005	1.32	3.44	2829.70	1593.00	503985.77	0.16	1384.59	System Operating in Gradient Enhanced Mode
RWN-4	9/6/2005	0.81	0.00	2829.70	1610.00	505595.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	9/8/2005	0.85	0.00	2829.70	416.00	506011.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	9/12/2005	0.85	0.00	2829.70	769.00	506780.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	9/14/2005	0.90	0.00	2829.70	75.00	506855.77	---	---	Adjusted Flow Rate to 0.30 gpm
RWN-4	9/21/2005	1.56	4.07	2833.77	1166.00	508021.77	0.18	991.65	System Operating in Gradient Enhanced Mode
RWN-4	9/28/2005	0.13	0.00	2833.77	320.00	508341.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	10/3/2005	0.39	0.00	2833.77	655.00	508996.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	10/7/2005	0.71	0.00	2833.77	464.00	509460.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	10/14/2005	0.85	0.00	2833.77	725.00	510185.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	10/17/2005	0.80	0.00	2833.77	260.00	510445.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	10/19/2005	1.31	0.00	2833.77	152.00	510597.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	10/24/2005	1.26	0.00	2833.77	383.00	510980.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	10/27/2005	1.25	0.00	2833.77	216.00	511196.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	11/1/2005	1.69	4.41	2838.18	275.00	511471.77	0.11	782.31	System Operating in Gradient Enhanced Mode
RWN-4	11/3/2005	0.11	0.00	2838.18	93.00	511564.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	11/8/2005	0.11	0.00	2838.18	417.00	511981.77	---	---	Solenoid Not Working - Replaced
RWN-4	11/10/2005	trace	0.00	2838.18	203.00	512184.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	11/14/2005	0.62	0.00	2838.18	263.00	512447.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	11/16/2005	0.67	0.00	2838.18	117.00	512564.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	11/21/2005	0.62	0.00	2838.18	226.00	512790.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	11/29/2005	0.70	0.00	2838.18	278.00	513068.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	12/5/2005	0.70	0.00	2838.18	272.00	513340.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	12/9/2005	1.03	0.00	2838.18	112.00	513452.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	12/12/2005	1.12	0.00	2838.18	187.00	513639.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	12/19/2005	1.10	0.00	2838.18	427.00	514066.77	---	---	System Operating in Gradient Enhanced Mode
RWN-4	12/27/2005	1.60	4.17	2842.35	738.00	514804.77	0.07	799.28	System Operating in Gradient Enhanced Mode
RWN-4	2/3/2006	3.00	7.83	2850.18	5218.00	520022.77	0.21	666.41	System Operating in Gradient Enhanced Mode
RWN-4	3/22/2006	trace	0.00	2850.18	62.56	520085.33	--	--	Adjusted Flow Rate to 0.3 gpm
RWN-4	4/5/2006	0.00	0.00	2850.18	0.00	520085.33	---	---	Totalizer not Working
RWN-4	4/19/2006	trace	0.00	2850.18	251.00	520336.33	---	---	System Operating in Gradient Enhanced Mode
RWN-4	5/25/2006	0.60	0.00	2850.18	0.00	520336.33	---	---	System Shut Down
RWN-4	6/19/2006	0.50	0.00	2850.18	0.00	520336.33	---	---	System Shut Down

Table A-1
DNAPL Recovery Data Summary
South Cavalcade Site
Houston, Texas

Well Identification	Date	DNAPL Thickness (ft.)	DNAPL Collected (gal.)	Cumulative DNAPL Collected (gal.)	Totalized Flow (gal. of groundwater)	Cumulative Totalized Flow (gal. of groundwater)	DNAPL Recovery Rate (gal./day)	Water Collected/DNAPL Recovered (gal./gal.)	Remarks
RWS-5	2004 TOTAL	---	0.00	77.45	306735.00	---	---	---	ANNUAL TOTALS / AVERAGES
RWS-5	1/4/2005	1.22	0.00	77.45	3445	1464394.61	---	---	Pump Not Working - Pulled Pump to Rebuild
RWS-5	1/6/2005	1.01	0.00	77.45	0	1464394.61	---	---	Replaced Pump
RWS-5	1/10/2005	1	0.00	77.45	2930	1467324.61	---	---	0.8 gpm is the Maximum Pumping Rate
RWS-5	1/11/2005	0.73	0.00	77.45	1971	1469295.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	1/17/2005	0.72	0.00	77.45	5079	1474374.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	1/19/2005	1.2	0.00	77.45	1862	1476236.61	---	---	Trailer in the Way - Could Not Pump Out DNAPL
RWS-5	1/24/2005	1.02	0.00	77.45	5412	1481648.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	2/8/2005	0.1	0.00	77.45	15856	1497504.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	2/10/2005	---	---	---	---	---	---	---	Trailer Parked On Well
RWS-5	2/15/2005	---	---	---	---	---	---	---	Trailer Parked On Well
RWS-5	2/17/2005	1.12	0.00	77.45	9892	1507396.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	2/21/2005	1.42	0.00	77.45	4575	1511971.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	2/25/2005	1.39	0.00	77.45	4276	1516247.61	---	---	Trailer in the Way - Could Not Pump Out DNAPL
RWS-5	3/1/2005	---	---	---	---	---	---	---	Trailer Parked On Well
RWS-5	3/3/2005	---	---	---	---	---	---	---	Trailer Parked On Well
RWS-5	3/10/2005	1.32	0.00	77.45	15961	1532208.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	3/14/2005	1.1	0.00	77.45	3935	1536143.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	3/17/2005	---	---	---	---	---	---	---	Trailer Parked On Well
RWS-5	3/22/2005	1	0.00	77.45	6647	1542790.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	3/24/2005	1.42	0.00	77.45	---	1542790.61	---	---	Replaced Pump
RWS-5	3/31/2005	1.47	0.00	77.45	3002	1545792.61	---	---	Trailer in the Way - Could Not Pump Out DNAPL
RWS-5	4/4/2005	1.5	3.91	81.36	4865	1550657.61	0.007	---	System Operating in Gradient Enhanced Mode
RWS-5	4/14/2005	1.4	0.00	81.36	13151	1563808.61	---	---	Trailer in the Way - Could Not Pump Out DNAPL
RWS-5	4/20/2005	1.29	0.00	81.36	2326	1566134.61	---	---	Trailer in the Way - Could Not Pump Out DNAPL
RWS-5	4/26/2005	1.9	0.00	81.36	7935	1574069.61	---	---	Trailer in the Way - Could Not Pump Out DNAPL
RWS-5	4/28/2005	1.06	0.00	81.36	2547	1576616.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	5/3/2005	1.52	3.96	85.32	6531	1583147.61	0.014	8204.55	System Operating in Gradient Enhanced Mode
RWS-5	5/6/2005	---	---	---	---	---	---	---	Trailer Parked On Well
RWS-5	5/10/2005	0.1	0	85.32	8622	1591769.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	5/16/2005	---	---	---	---	---	---	---	Trailer Parked On Well
RWS-5	5/18/2005	trace	0.00	85.32	9420	1601189.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	5/23/2005	trace	0.00	85.32	5910	1607099.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	5/26/2005	0.1	0.00	85.32	3549	1610648.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	5/31/2005	---	---	---	---	---	---	---	Trailer Parked On Well
RWS-5	6/3/2005	trace	0.00	85.32	9427	1620075.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	6/7/2005	---	---	---	---	---	---	---	Trailer Parked On Well
RWS-5	6/9/2005	trace	0.00	85.32	7576	1627651.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	6/13/2005	---	---	---	---	---	---	---	Trailer Parked On Well
RWS-5	6/22/2005	0.14	0.00	85.32	6904	1634555.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	6/29/2005	0.11	0.00	85.32	---	1634555.61	---	---	Dead Batteries in Flow Meter
RWS-5	7/7/2005	0.12	0.00	85.32	---	1634555.61	---	---	Flow Meter not Working
RWS-5	7/11/2005	0.14	0.00	85.32	---	1634555.61	---	---	Replaced Flow Meter
RWS-5	7/14/2005	0.13	0.00	85.32	7215	1641770.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	7/21/2005	0.25	0.00	85.32	5499	1647269.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	7/26/2005	0.22	0.00	85.32	7003	1654272.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	7/28/2005	0.32	0.00	85.32	2949	1657221.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	8/1/2005	0.1	0.00	85.32	5289	1662510.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	8/8/2005	0.11	0.00	85.32	2746	1665256.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	8/8/2005	0.49	0.00	85.32	6802	1672058.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	8/10/2005	0.42	0.00	85.32	2935	1674993.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	8/17/2005	0.22	0.00	85.32	9325	1684318.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	8/19/2005	0.29	0.00	85.32	2550	1686868.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	8/22/2005	0.43	0.00	85.32	3150	1690018.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	8/29/2005	0.31	0.00	85.32	12067	1702085.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	9/6/2005	0.15	0.00	85.32	9609	1711694.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	9/8/2005	0.23	0.00	85.32	2375	1714069.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	9/12/2005	0.1	0.00	85.32	7118	1721187.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	9/14/2005	0.1	0.00	85.32	2374	1723561.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	9/21/2005	0.67	0.00	85.32	7885	1731446.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	9/28/2005	0.66	0.00	85.32	2550	1733996.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	10/3/2005	0.45	0.00	85.32	5507	1739503.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	10/7/2005	0.36	0.00	85.32	4898	1744401.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	10/14/2005	0.63	0.00	85.32	8254	1752655.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	10/17/2005	0.77	0.00	85.32	3937	1756592.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	10/19/2005	0.51	0.00	85.32	2465	1759057.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	10/24/2005	0.38	0.00	85.32	6328	1765385.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	10/27/2005	0.27	0.00	85.32	3355	1768740.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	11/1/2005	0.65	0.00	85.32	4287	1773027.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	11/3/2005	0.39	0.00	85.32	1762	1774789.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	11/8/2005	0.68	0.00	85.32	4163	1778952.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	11/10/2005	0.38	0.00	85.32	1575	1780527.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	11/14/2005	0.63	0.00	85.32	3247	1783774.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	11/16/2005	0.48	0.00	85.32	1498	1785272.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	11/21/2005	0.49	0.00	85.32	3907	1789179.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	11/29/2005	0.57	0.00	85.32	6140	1795319.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	12/5/2005	0.68	0.00	85.32	4142	1799461.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	12/9/2005	---	---	85.32	---	1799461.61	---	---	Trailer Parked on Well
RWS-5	12/12/2005	0.63	0.00	85.32	---	1799461.61	---	---	Dead Batteries in Flow Meter
RWS-5	12/19/2005	0.6	0.00	85.32	3517	1802978.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	12/27/2005	0.51	0.00	85.32	121	1803099.61	---	---	Dead Batteries in Flow Meter - Replaced
RWS-5	2/3/2006	0.8	0.00	85.32	45699	1848798.61	---	---	System Operating in Gradient Enhanced Mode
RWS-5	3/22/2006	trace	0.00	85.32	---	1848798.61	---	---	Trailer parked on Well
RWS-5	4/19/2006	---	0.00	85.32	---	1848798.61	---	---	Car Parked on Well
RWS-5	5/25/2006	0.00	0.00	85.32	0.00	1848798.61	---	---	System Shut Down
RWS-5	6/19/2006	0.50	0.00	85.32	0.00	1848798.61	---	---	System Shut Down

ATTACHMENT A-2

COMPLETED OPERATION AND MAINTENANCE FORMS FOR THE DNAPL COLLECTION SYSTEM

(None – Omitted from this Quarterly Report)

ATTACHMENT A-3

COMPLETED OPERATION AND MAINTENANCE FORMS FOR THE WATER TREATMENT PLANT

Groundwater Treatment System

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
		4-Apr						17-Apr						
1. Influent Water														
Flow rate (gpm)		?						?						
Source		gw/rw						gw/rw						
Appearance		lb						lb						
Tank Levels (701/702)		13.5						13.5						
Mode (series/parallel)		p						p						
Phase/depth (inches)														
2. Pretreatment System														
pH adjustment/chemical rate														
Ferric chloride dose														
Polymer dose		0.8						0.08						
Jar test results														
Recycle sudge rate														
Air feed to 703 tank		y						y						
Air feed to 704 tank		y						y						
Focculator speed (rpm)		1.5						1.5						
3. DAF Unit														
Recycle flow rate (gpm)		3.5						3.5						
Air pressure/flow (psi/scfm)														
Effluent appearance		clear						clear						
Decanted sludge (gal)														
4. Pressure Filter														
Pressure drop (psi)														
Backwashed? (y/n)		y						n						

Groundwater Treatment System

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
		4-Apr						17-Apr						
Tank 710 level		8.4						8.3						
5. Greensand Filters														
Pressure drop 402 (psi)														
Pressure drop 403 (psi)														
Backwashed? (y/n)		y						n						
Regenerated? (y/n)		y						n						
6. Carbon Adsorbers 402/403														
Pressure drop 404 (psi)														
Pressure drop 405 (psi)														
Backwashed? (y/n)														
7. Effluent Tank 708														
Flow rate - local/PLC		37.7						59.3						
Flow rate by weir (1w)														
Appearance		clear						clear						
Sampler operating? (y/n)		y						y						
8. By Product Tank 711														
Tank level (ft)		4.9						5						
By-product height (ft)														
By-product additions (gal)														
Water removed (gal)														
By-product removed (gal)														

COMMENTS	ph	ox	phen	mag	ammo	total	16,400	start	3190900	9hr
4-Apr-06	82	6	0	0.3	0			finish	3207300	
						total	15,900	start	3207300	
17-Apr	82	6	0.1	0.3	0			finish	3223200	8h15m

Groundwater Treatment System

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
		4-Apr						17-Apr						

ATTACHMENT A-4

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ)
MONTHLY EFFLUENT REPORTS AND QUARTERLY
BIOMONITORING REPORTS

Beazer

BEAZER EAST, INC. C/O THREE RIVERS MANAGEMENT, INC.
ONE OXFORD CENTRE, SUITE 3000, PITTSBURGH, PA 15219-6401

May 8, 2006

Ms. Fay Duke
Project Manager, Superfund Cleanup Section
Texas Commission on Environmental Quality
MC-144, P.O. Box 13087
Austin, TX 78711-3087

RE: Beazer East, Inc.
Permit No. WQ0003388-000
NPDES Permit No. TX0107522
April 2006 Monthly Effluent Report

Dear Ms. Duke:

Enclosed please find the signed originals and two copies of the April 2006 Monthly Effluent Report (MER) for the Beazer East, Inc. (Beazer) South Cavalcade site. Beazer is submitting this report in accordance with the expired TNRCC permit no. WQ0003388-000 and expired National Pollution Discharge Elimination System (NPDES) permit no. TX0107522.

The effluent samples collected on April 4 and 17, 2006 were within the permitted daily maximum limits for all parameters.

If you have questions regarding this correspondence or the enclosed report, please contact me at (412) 208-8805.

Sincerely,

Mitchell D. Brourman
Environmental Manager

Enclosure
cc: C. Hueni - USEPA (w/o data)
M. Bollinger - Beazer (w/o data)
J. Helton - FTS (w/o data)
M. Ting - FTS (w/o data)
J. Zubrow - Key Environmental (w/o data)
N. Misquitta - Key Environmental (w/o data)
File

Q:\Projects\00DMR Program\South Calvacade\2006 Reports\Apr06SCalvDMRLtr.doc

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087

MONTHLY EFFLUENT REPORT

Beazer East, Inc.
436 7TH AVE
PITTSBURGH PA 15219-1818

SYS	PERMIT NUMBER	SEQ	YEAR	MO	EID
40B	WQ0003388-000	1	0	6	0	4	9241

THIS REPORT TO BE USED FOR Otfl 001 Beazer East
SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.
PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

TNRCC COPY

PARAMETER		EFFLUENT CONDITION VALUE	UNITS	NO EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
000035342 DISCHRGE DAYS MTH	REPORTED	2	DAY	0 01		01
	PERMITTED			01	NA	01 NA
003001024 D.O. DLY AVG	REPORTED	6.0	MG/L	0 16		02
	PERMITTED			16	2/MONTH	02 GRAB
003001050 D.O. DLY MAX	REPORTED	6.0	MG/L	0 16		02
	PERMITTED	4.000		16	2/MONTH	02 GRAB
004006080 PH MAXIMUM	REPORTED	8.1	STD UNIT	0	2/Month	02
	PERMITTED	9.000		14	1/WEEK	02 GRAB
004006081 PH MINIMUM	REPORTED	8.0	STD UNIT	0	2/Month	02
	PERMITTED	6.000		14	1/WEEK	02 GRAB
006101024 NH3-N DLY AVG	REPORTED	1.5	MG/L	0	2/Month	8.63 Hr. Comp.
	PERMITTED	3.000		14	1/WEEK	24-HR COMP
006101050 NH3-N DLY MAX	REPORTED	1.5	MG/L	0	2/Month	8.63 Hr. Comp.
	PERMITTED	10.000		14	1/WEEK	24-HR COMP
340101024 TOLUENE DLY AVG	REPORTED	<0.002	MG/L	0 16		
	PERMITTED			16	2/MONTH	02 GRAB
340101050 TOLUENE DLY MAX	REPORTED	<0.002	MG/L	0 16		
	PERMITTED	0.05000		16	2/MONTH	02 GRAB
340311024 BENZENE DLY AVG	REPORTED	<0.002	MG/L	0 16		
	PERMITTED			16	2/MONTH	02 GRAB
340311050 BENZENE DLY MAX	REPORTED	<0.002	MG/L	0 16		
	PERMITTED	0.05000		16	2/MONTH	02 GRAB

COMMENTS AND EXPLANATIONS *(Reference all attachments here)* This plant operates in 2 to 4, non-consecutive shifts (batch mode). A 24-hr. composite sample is not possible.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.	NAME	SIGNATURE	DATE
	Art Soto	Art Soto	0 6 0 5 0 8

TELEPHONE NUMBER		PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
4 1 2	2 0 8 8 8 0 5	Mitchell D.Brourman	Mitchell D Brourman	0 6 0 5 0 8
AREA CODE	NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087

MONTHLY EFFLUENT REPORT

Beazer East, Inc.
436 7TH AVE
PITTSBURGH PA 15219-1818

SYS	PERMIT NUMBER	SEQ	YEAR	MO.	EID
40B	WQ0003388-000	1	06	04	9241

THIS REPORT TO BE USED FOR Otfl 001 Beazer East
SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.
PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

TNRCC COPY

PARAMETER		EFFLUENT CONDITION VALUE	UNITS	NO. EX.	FREQUENCY OF ANALYSIS		SAMPLE TYPE
342001024 ACENPTYL DLY AVG	REPORTED	<0.005	MG/L	0 16			8.63 Hr. Comp
	PERMITTED			16	2/MONTH	04	24-HR COMP
342001050 ACENPTYL DLY MAX	REPORTED	<0.005	MG/L	0 16			8.63 Hr. Comp
	PERMITTED	0.05900		16	2/MONTH	04	24-HR COMP
342061024 ACENAPHT DLY AVG	REPORTED	<0.005	MG/L	0 16			8.63 Hr. Comp
	PERMITTED			16	2/MONTH	04	24-HR COMP
342061050 ACENAPHT DLY MAX	REPORTED	<0.005	MG/L	0 16			8.63 Hr. Comp
	PERMITTED	0.05900		16	2/MONTH	04	24-HR COMP
342201024 ANTHRCEN DLY AVG	REPORTED	<0.005	MG/L	0 16			8.63 Hr. Comp
	PERMITTED			16	2/MONTH	04	24-HR COMP
342201050 ANTHRCEN DLY MAX	REPORTED	<0.005	MG/L	0 16			8.63 Hr. Comp
	PERMITTED	0.05900		16	2/MONTH	04	24-HR COMP
342421024 BENZFLTN DLY AVG	REPORTED	<0.005	MG/L	0 16			8.63 Hr. Comp
	PERMITTED			16	2/MONTH	04	24-HR COMP
342421050 BENZFLTN DLY MAX	REPORTED	<0.005	MG/L	0 16			8.63 Hr. Comp
	PERMITTED	0.05900		16	2/MONTH	04	24-HR COMP
342501024 BENZ PYR DLY AVG	REPORTED	<0.005	MG/L	0 16			8.63 Hr. Comp
	PERMITTED			16	2/MONTH	04	24-HR COMP
342501050 BENZ PYR DLY MAX	REPORTED	<0.005	MG/L	0 16			8.63 Hr. Comp
	PERMITTED	0.05900		16	2/MONTH	04	24-HR COMP
343201024 CHRYSENE DLY AVG	REPORTED	<0.005	MG/L	0 16			8.63 Hr. Comp
	PERMITTED			16	2/MONTH	04	24-HR COMP

COMMENTS AND EXPLANATIONS *(Reference all attachments here)* This plant operates in 2 to 4, non-consecutive shifts (batch mode). A 24-hr.composite sample is not possible.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.	NAME	SIGNATURE	DATE
	Art Soto	Art Soto	06/05/08
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
412 2 08 8 8 05	Mitchell D. Brourman		06/05/08
AREA CODE / NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

005996

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087

MONTHLY EFFLUENT REPORT

Beazer East, Inc.
436 7TH AVE
PITTSBURGH PA 15219-1818

SYS	PERMIT NUMBER	SEP	YEAR	MO	EID
40B	WQ0003388-000	1	0 6 0 4		9241

THIS REPORT TO BE USED FOR Otfl 001 Beazer East
SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.
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TNRCC COPY

PARAMETER		EFFLUENT CONDITION VALUE	UNITS	NO. EX.	FREQUENCY OF ANALYSIS		SAMPLE TYPE
343201050 CHRYSENE	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
DLY MAX	PERMITTED	0.05000			16	2/MONTH	24-HR COMP
343761024 FLUOTHEN	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
DLY AVG	PERMITTED				16	2/MONTH	24-HR COMP
343761050 FLUOTHEN	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
DLY MAX	PERMITTED	0.05000			16	2/MONTH	24-HR COMP
343811024 FLUORENE	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
DLY AVG	PERMITTED				16	2/MONTH	24-HR COMP
343811050 FLUORENE	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
DLY MAX	PERMITTED	0.05000			16	2/MONTH	24-HR COMP
344031024 IND1-3PY	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
DLY AVG	PERMITTED				16	2/MONTH	24-HR COMP
344031050 IND1-3PY	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
DLY MAX	PERMITTED	0.05000			16	2/MONTH	24-HR COMP
344611024 PHNANTHR	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
DLY AVG	PERMITTED				16	2/MONTH	24-HR COMP
344611050 PHNANTHR	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
DLY MAX	PERMITTED	0.05000			16	2/MONTH	24-HR COMP
344691024 PYRENE	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
DLY AVG	PERMITTED				16	2/MONTH	24-HR COMP
344691050 PYRENE	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
DLY MAX	PERMITTED	0.05000			16	2/MONTH	24-HR COMP

COMMENTS AND EXPLANATIONS *(Reference all attachments here)* This plant operates in 2 to 4, non-consecutive shifts (batch mode). A 24-hr.composite sample is not possible.

I CERTIFY, THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT, AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.	NAME	SIGNATURE	DATE
	Art Soto		0 6 0 5 0 8
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
4 1 2 2 0 8 8 8 0 5	Mitchell D. Brourman		0 6 0 5 0 8
AREA CODE NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

005997

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087

MONTHLY EFFLUENT REPORT

Beazer East, Inc.
436 7TH AVE
PITTSBURGH PA 15219-1818

SYS	PERMIT NUMBER	SET	YEAR	MO	ID
40B	WQ0003388-000	1	06	04	9241

THIS REPORT TO BE USED FOR Otfl 001 Beazer East
SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.
PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

TNRCC COPY

PARAMETER		EFFLUENT CONDITION VALUE	UNITS	NO EX	FREQUENCY OF ANALYSIS		SAMPLE TYPE
345211024 BNZOGPVL DLY AVG	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
	PERMITTED				16	2/MONTH	24-HR COMP
345211050 BNZOGPVL DLY MAX	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
	PERMITTED	0.05000			16	2/MONTH	24-HR COMP
345261024 BENZANTN DLY AVG	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
	PERMITTED				16	2/MONTH	24-HR COMP
345261050 BENZANTN DLY MAX	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
	PERMITTED	0.05000			16	2/MONTH	24-HR COMP
346061024 24DIMTPN DLY AVG	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
	PERMITTED				16	2/MONTH	24-HR COMP
346061050 24DIMTPN DLY MAX	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
	PERMITTED	0.10000			16	2/MONTH	24-HR COMP
346941024 PHENOL DLY AVG	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
	PERMITTED				16	2/MONTH	24-HR COMP
346941050 PHENOL DLY MAX	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
	PERMITTED	0.10000			16	2/MONTH	24-HR COMP
392501024 NAPHTHAL DLY AVG	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
	PERMITTED				16	2/MONTH	24-HR COMP
392501050 NAPHTHAL DLY MAX	REPORTED	<0.005	MG/L	0	16		8.63 Hr. Comp
	PERMITTED	0.05000			16	2/MONTH	24-HR COMP
395441024 SHT-BENZ DLY AVG	REPORTED	<0.002	MG/L	0	16		
	PERMITTED				16	2/MONTH	GRAB

COMMENTS AND EXPLANATIONS (Reference all attachments here) This plant operates in 2 to 4, non-consecutive shifts (batch mode). A 24-hr. composite sample is not possible.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.	NAME	SIGNATURE	DATE
	Art Soto		06 05 08
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
412 2 0 8 8 8 0 5	Mitchell D. Brourman		06 05 08
AREA CODE NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

005998

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087

MONTHLY EFFLUENT REPORT

Beazer East, Inc.
436 7TH AVE
PITTSBURGH PA 15219-1818

SYS	PERMIT NUMBER	SET	YEAR	MO	EID
40B	WQ0003388-000	1	06	04	9241

THIS REPORT TO BE USED FOR Otfl 001 Beazer East
SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.
PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

TNRCC COPY

PARAMETER		EFFLUENT CONDITION VALUE	UNITS	NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
395441050 ETH-BENZ DLY MAX	REPORTED	<0.002	MG/L	0 16		02
	PERMITTED	0.05000		16	2/MONTH	02 GRAB
500507124 FLOW DLY AVG	REPORTED	0.0162	MGD	0		12
	PERMITTED	0.13000		12	3/WEEK	12 INSTANT
500507150 FLOW DLY MAX	REPORTED	0.0164	MGD	0		12
	PERMITTED	0.19500		12	3/WEEK	12 INSTANT
783441024 BZ(B)FLR DLY AVG	REPORTED	<0.005	MG/L	0 16		8.63 Hr. Comp
	PERMITTED			16	2/MONTH	24 24-HR COMP
783441050 BZ(B)FLR DLY MAX	REPORTED	<0.005	MG/L	0 16		8.63 Hr. Comp
	PERMITTED	0.05000		16	2/MONTH	24 24-HR COMP
783521024 DIBENANT DLY AVG	REPORTED	<0.005	MG/L	0 16		8.63 Hr. Comp
	PERMITTED			16	2/MONTH	24 24-HR COMP
783521050 DIBENANT DLY MAX	REPORTED	<0.005	MG/L	0 16		8.63 Hr. Comp
	PERMITTED	0.05000		16	2/MONTH	24 24-HR COMP
800821024 BOD CARB DLY AVG	REPORTED	5.5	MG/L	0		8.63 Hr. Comp
	PERMITTED	10.000		14	1/WEEK	24 24-HR COMP
800821050 BOD CARB DLY MAX	REPORTED	6.0	MG/L	0		8.63 Hr. Comp
	PERMITTED	25.000		14	1/WEEK	24 24-HR COMP
	REPORTED					
	PERMITTED					
	REPORTED					
	PERMITTED					

COMMENTS AND EXPLANATIONS *(Reference all attachments here)* This plant operates in 2 to 4, non-consecutive shifts (batch mode). A 24-hr. composite sample is not possible.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, SUCH INFORMATION IS TRUE, AND COMPLETE AND ACCURATE	NAME	SIGNATURE	DATE
	Art Sotz	Art Sotz	06 05 08
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
412 2208 8805	Mitchell D. Brourman	Mitchell D. Brourman	060508
AREA CODE NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

005999

Beazer

BEAZER EAST, INC. C/O THREE RIVERS MANAGEMENT, INC.
ONE OXFORD CENTRE, SUITE 3000, PITTSBURGH, PA 15219-6401

June 5, 2006

Ms. Fay Duke
Project Manager, Superfund Cleanup Section
Texas Commission on Environmental Quality
MC-221, P.O. Box 13087
Austin, TX 78753

RE: Beazer East, Inc.
Permit No. WQ0003388-000
NPDES Permit No. TX0107522
May 2006 Monthly Effluent Report

Dear Ms. Duke:

Enclosed please find the signed originals and two copies of the May 2006 Monthly Effluent Report (MER) for the Beazer East, Inc. (Beazer) South Cavalcade site. Beazer is submitting this report in accordance with the expired TNRCC permit no. WQ0003388-000 and expired National Pollution Discharge Elimination System (NPDES) permit no. TX0107522.

The treatment system was not operating during the month of May. Therefore, no samples were collected during the month of May and the enclosed MER is marked "No Discharge".

If you have questions regarding this correspondence or the enclosed report, please contact me at (412) 208-8805.

Sincerely,

Mitchell D. Brourman
Environmental Manager

Enclosure
cc: C. Hueni - USEPA (w/o data)
M. Bollinger - Beazer (w/o data)
J. Helton - FTS (w/o data)
A. Strassner - FTS (w/o data)
J. Zubrow - Key Environmental (w/o data)
N. Misquitta - Key Environmental (w/o data)
File

Q:\Projects\00DMR Program\South Calvacade\2006 Reports\May06SCalvDMRLtr.doc

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087

MONTHLY EFFLUENT REPORT

Beazer East, Inc.
436 7TH AVE
PITTSBURGH PA 15219-1818

SYS	PERMIT NUMBER	SET	YEAR	MO	EID
40B	WQ0003388-000	1	06	05	9241

THIS REPORT TO BE USED FOR Otfl 001 Beazer East
SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.
PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

TNRCC COPY

PARAMETER		EFFLUENT CONDITION VALUE	UNITS	NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
000035342 DISCHARGE DAYS MTH	REPORTED	0	DAY			
	PERMITTED				01 NA	01 NS
003001024 D.O. DLY AVG	REPORTED	0	MG/L			
	PERMITTED				15 2/MONTH	02 GRAB
003001050 D.O. DLY MAX	REPORTED	0	MG/L			
	PERMITTED	4.000			15 2/MONTH	02 GRAB
004006080 PH MAXIMUM	REPORTED	0	STD UNIT			
	PERMITTED	9.000			14 1/WEEK	02 GRAB
004006081 PH MINIMUM	REPORTED	0	STD UNIT			
	PERMITTED	5.000			14 1/WEEK	02 GRAB
006101024 NH3-N DLY AVG	REPORTED	0	MG/L			
	PERMITTED	3.000			14 1/WEEK	04 24-HR COMP
006101050 NH3-N DLY MAX	REPORTED	0	MG/L			
	PERMITTED	10.000			14 1/WEEK	04 24-HR COMP
340101024 TOLUENE DLY AVG	REPORTED	0	MG/L			
	PERMITTED				16 2/MONTH	02 GRAB
340101050 TOLUENE DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000			16 2/MONTH	02 GRAB
340311024 BENZENE DLY AVG	REPORTED	0	MG/L			
	PERMITTED				16 2/MONTH	02 GRAB
340311050 BENZENE DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000			16 2/MONTH	02 GRAB

COMMENTS AND EXPLANATIONS *(Reference all attachments here)* This plant operates in 2 to 4, non-consecutive shifts (batch mode). A 24-hr. composite sample is not possible.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.	NAME	SIGNATURE	DATE
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
4 1 2 2 0 8 8 8 0 5	Mitchell D.Brourman		0 6 0 6 0 5
AREA CODE / NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087

MONTHLY EFFLUENT REPORT

Beazer East, Inc.
436 7TH AVE
PITTSBURGH PA 15219-1818

SYS	PERMIT NUMBER	SEQ	YEAR MO	END
40B	WQ0003388-000	- 1	0605	9241

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SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.
PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

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PARAMETER		EFFLUENT CONDITION VALUE	UNITS	NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
342001024 ACENPTYL DLY AVG	REPORTED	0	MG/L			
	PERMITTED			15	2/MONTH	04 24-HR COMP
342001050 ACENPTYL DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05900		15	2/MONTH	04 24-HR COMP
342061024 ACENAPHT DLY AVG	REPORTED	0	MG/L			
	PERMITTED			15	2/MONTH	04 24-HR COMP
342061050 ACENAPHT DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05900		15	2/MONTH	04 24-HR COMP
342201024 ANTHRCEN DLY AVG	REPORTED	0	MG/L			
	PERMITTED			15	2/MONTH	04 24-HR COMP
342201050 ANTHRCEN DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05900		15	2/MONTH	04 24-HR COMP
342421024 BENZELTN DLY AVG	REPORTED	0	MG/L			
	PERMITTED			15	2/MONTH	04 24-HR COMP
342421050 BENZELTN DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05900		15	2/MONTH	04 24-HR COMP
342501024 BENZ PYR DLY AVG	REPORTED	0	MG/L			
	PERMITTED			15	2/MONTH	04 24-HR COMP
342501050 BENZ PYR DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05900		15	2/MONTH	04 24-HR COMP
343201024 CHRYSENE DLY AVG	REPORTED	0	MG/L			
	PERMITTED			15	2/MONTH	04 24-HR COMP

COMMENTS AND EXPLANATIONS *(Reference all attachments here)* This plant operates in 2 to 4, non-consecutive shifts (batch mode). A 24-hr composite sample is not possible.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.	NAME	SIGNATURE	DATE
	Art Soto	Art Soto	06 06 05
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
412 2 08 8805	Mitchell D. Brourman		06 06 05
AREA CODE NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087

MONTHLY EFFLUENT REPORT

Beazer East, Inc.
436 7TH AVE
PITTSBURGH PA 15219-1818

SYS	PERMIT NUMBER	SEQ	YEAR	MO	ED
40B	WQ0003388-000	1	0160	05	9241

THIS REPORT TO BE USED FOR Otfl 001 Beazer East
SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.
PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

TNRCC COPY

PARAMETER		EFFLUENT CONDITION VALUE	UNITS	NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
343201050 CHRYSENE DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000			1/2/MONTH	24-HR COMP
343761024 FLUOTHEN DLY AVG	REPORTED	0	MG/L			
	PERMITTED				1/2/MONTH	24-HR COMP
343761050 FLUOTHEN DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000			1/2/MONTH	24-HR COMP
343811024 FLUORENE DLY AVG	REPORTED	0	MG/L			
	PERMITTED				1/2/MONTH	24-HR COMP
343811050 FLUORENE DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000			1/2/MONTH	24-HR COMP
344031024 INDI-3PY DLY AVG	REPORTED	0	MG/L			
	PERMITTED				1/2/MONTH	24-HR COMP
344031050 INDI-3PY DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000			1/2/MONTH	24-HR COMP
344611024 PHENANTHR DLY AVG	REPORTED	0	MG/L			
	PERMITTED				1/2/MONTH	24-HR COMP
344611050 PHENANTHR DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000			1/2/MONTH	24-HR COMP
344691024 PYRENE DLY AVG	REPORTED	0	MG/L			
	PERMITTED				1/2/MONTH	24-HR COMP
344691050 PYRENE DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000			1/2/MONTH	24-HR COMP

COMMENTS AND EXPLANATIONS *(Reference all attachments here)* This plant operates in 2 to 4, non-consecutive shifts (batch mode). A 24-hr.composite sample is not possible.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT, AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.

NAME	SIGNATURE	DATE
Art Soto		0160515
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
4122818805	Mitchell D. Brourman		0160515
AREA CODE NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

006003

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087

MONTHLY EFFLUENT REPORT

Beazer East, Inc.
436 7TH AVE
PITTSBURGH PA 15219-1818

40B	WQ0003388-000	1	0 6 0 5	9241
SYS	PERMIT NUMBER	SEQ	YEAR MO	EID

THIS REPORT TO BE USED FOR Otfl 001 Beazer East
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PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

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PARAMETER		EFFLUENT CONDITION VALUE	UNITS	NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
345211024 BNZOGPVL DLY AVG	REPORTED	0	MG/L			
	PERMITTED			16	2/MONTH	04 24-HR COMP
345211050 BNZOGPVL DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000		15	2/MONTH	04 24-HR COMP
345261024 BENZANTN DLY AVG	REPORTED	0	MG/L			
	PERMITTED			16	2/MONTH	04 24-HR COMP
345261050 BENZANTN DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000		16	2/MONTH	04 24-HR COMP
346061024 24DIMTPN DLY AVG	REPORTED	0	MG/L			
	PERMITTED			16	2/MONTH	04 24-HR COMP
346061050 24DIMTPN DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.10000		16	2/MONTH	04 24-HR COMP
346941024 PHENOL DLY AVG	REPORTED	0	MG/L			
	PERMITTED			16	2/MONTH	04 24-HR COMP
346941050 PHENOL DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.10000		16	2/MONTH	04 24-HR COMP
392501024 NAPHTHAL DLY AVG	REPORTED	0	MG/L			
	PERMITTED			15	2/MONTH	04 24-HR COMP
392501050 NAPHTHAL DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000		15	2/MONTH	04 24-HR COMP
395441024 SEL-BENZ DLY AVG	REPORTED	0	MG/L			
	PERMITTED			16	2/MONTH	02 GRAB

COMMENTS AND EXPLANATIONS *(Reference all attachments here)* This plant operates in 2 to 4, non-consecutive shifts (batch mode). A 24-hr. composite sample is not possible.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.	NAME	SIGNATURE	DATE
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
4 1 2 2 0 8 8 8 0 5	Art Soto		06 0 6 0 5
AREA CODE NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY
	Mitchell D. Brourman		0 6 0 6 0 5

006004

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087

MONTHLY EFFLUENT REPORT

Beazer East, Inc.
436 7TH AVE
PITTSBURGH PA 15219-1818

SYS	PERMIT NUMBER	SEQ	YEAR	MO	FID
40B	WQ0003388-000	1	05	06	9241

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PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

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PARAMETER		EFFLUENT CONDITION VALUE	UNITS	NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
34395441050 ETH-BENZ DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000		16	2/MONTH	02 GRAB
50050507124 FLOW DLY AVG	REPORTED	0	MGD			
	PERMITTED	0.13000		12	3/WEEK	12 INSTANT
50050507150 FLOW DLY MAX	REPORTED	0	MGD			
	PERMITTED	0.19500		12	3/WEEK	12 INSTANT
78344102 4 BZ(B)FLR DLY AVG	REPORTED	0	MG/L			
	PERMITTED			16	2/MONTH	04 24-HR COMP
78344105 0 BZ(B)FLR DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000		16	2/MONTH	04 24-HR COMP
78352102 4 DIBENANT DLY AVG	REPORTED	0	MG/L			
	PERMITTED			16	2/MONTH	04 24-HR COMP
78352105 0 DIBENANT DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000		15	2/MONTH	04 24-HR COMP
00082102 4 OD CARB DLY AVG	REPORTED	0	MG/L			
	PERMITTED	10.000		4	1/WEEK	04 24-HR COMP
00082105 0 OD CARB DLY MAX	REPORTED	0	MG/L			
	PERMITTED	25.000		4	1/WEEK	04 24-HR COMP
	REPORTED	0				
	PERMITTED					
	REPORTED	0				
	PERMITTED					

COMMENTS AND EXPLANATIONS *(Reference all attachments here)* This plant operates in 2 to 4, non-consecutive shifts (batch mode). A 24-hr. composite sample is not possible.

I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE, COMPLETE AND ACCURATE	NAME	SIGNATURE	DATE
TELEPHONE NUMBER	Art Soto PLANT OPERATOR	Art Soto PLANT OPERATOR	06 06 05 YEAR MO. DAY
1 2 2 0 8 8 8 0 5 AREA CODE NUMBER	Mitchell D. Brourman EXECUTIVE OFFICER	EXECUTIVE OFFICER	06 06 05 YEAR MO. DAY

Beazer

BEAZER EAST, INC. C/O THREE RIVERS MANAGEMENT, INC.
ONE OXFORD CENTRE, SUITE 3000, PITTSBURGH, PA 15219-6401

July 5, 2006

Ms. Fay Duke
Project Manager, Superfund Cleanup Section
Texas Commission on Environmental Quality
MC-221, P.O. Box 13087
Austin, TX 78753

RE: Beazer East, Inc.
Permit No. WQ0003388-000
NPDES Permit No. TX0107522
June 2006 Monthly Effluent Report

Dear Ms. Duke:

Enclosed please find the signed originals and two copies of the June 2006 Monthly Effluent Report (MER) for the Beazer East, Inc. (Beazer) South Cavalcade site. Beazer is submitting this report in accordance with the expired TNRCC permit no. WQ0003388-000 and expired National Pollution Discharge Elimination System (NPDES) permit no. TX0107522.

The treatment system was not operating during the month of June. Therefore, no samples were collected during the month of June and the enclosed MER is marked "No Discharge".

If you have questions regarding this correspondence or the enclosed report, please contact me at (412) 208-8805.

Sincerely,

Mitchell D. Brourman
Environmental Manager

Enclosure
cc: C. Hueni - USEPA (w/o data)
M. Bollinger - Beazer (w/o data)
J. Helton - FTS (w/o data)
A. Strassner - FTS (w/o data)
J. Zubrow - Key Environmental (w/o data)
N. Misquitta - Key Environmental (w/o data)
File

Q:\Projects\00DMR Program\South Calvacade\2006 Reports\June06SCalvDMRLtr.doc

006006

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

P.O. BOX 13087 • AUSTIN, TEXAS 78711-3087

MONTHLY EFFLUENT REPORT

Beazer East, Inc.
436 7TH AVE
PITTSBURGH PA 15219-1818

SYS	PERMIT NUMBER	SEQ	YEAR MO	EID
40B	WQ0003388-000	1	06 06	9241

THIS REPORT TO BE USED FOR Dtfl 001 Beazer East
SEE BACK FOR INSTRUCTIONS AND DEFINITIONS.
PLEASE RETAIN A PHOTOCOPY FOR YOUR RECORDS.

TNRCC COPY

PARAMETER		EFFLUENT CONDITION VALUE	UNITS	NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
000035342 DISCHRGE DAYS MTH	REPORTED	0	DAY			
	PERMITTED				01 NA	01 NR
003001024 D.O. DLY AVG	REPORTED	0	MG/L			
	PERMITTED				15 2/MONTH	02 GRAB
003001050 D.O. DLY MAX	REPORTED	0	MG/L			
	PERMITTED	4.000			15 2/MONTH	02 GRAB
004006080 PH MAXIMUM	REPORTED	0	STD UNIT			
	PERMITTED	9.000			14 1/WEEK	02 GRAB
004006081 PH MINIMUM	REPORTED	0	STD UNIT			
	PERMITTED	5.000			14 1/WEEK	02 GRAB
006101024 NH3-N DLY AVG	REPORTED	0	MG/L			
	PERMITTED	3.000			14 1/WEEK	04 24-HR COMP
006101050 NH3-N DLY MAX	REPORTED	0	MG/L			
	PERMITTED	10.000			14 1/WEEK	04 24-HR COMP
340101024 TOLUENE DLY AVG	REPORTED	0	MG/L			
	PERMITTED				16 2/MONTH	02 GRAB
340101050 TOLUENE DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000			16 2/MONTH	02 GRAB
340311024 BENZENE DLY AVG	REPORTED	0	MG/L			
	PERMITTED				16 2/MONTH	02 GRAB
340311050 BENZENE DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000			16 2/MONTH	02 GRAB

COMMENTS AND EXPLANATIONS *(Reference all attachments here)* This plant operates in 2 to 4, non-consecutive shifts (batch mode). A 24-hr. composite sample is not possible.

I CERTIFY THAT I AM FAMILIAR WITH THE INFORMATION CONTAINED IN THIS REPORT AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF SUCH INFORMATION IS TRUE AND COMPLETE AND ACCURATE.	NAME	SIGNATURE	DATE
	Art Soto		06 07 05
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
412 2 08 8805	Mitchell D.Brourman		06 07 05
AREA CODE / NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

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Beazer East, Inc.
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40B	WQ0003388-000	- 1	06	06	9241

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PARAMETER		EFFLUENT CONDITION VALUE	UNITS	NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
342001024 ACENPTYL DLY AVG	REPORTED	0	MG/L		2/MONTH	24-HR COMP
	PERMITTED			16		
342001050 ACENPTYL DLY MAX	REPORTED	0	MG/L		2/MONTH	24-HR COMP
	PERMITTED	0.05000		16		
342061024 ACENAPHT DLY AVG	REPORTED	0	MG/L		2/MONTH	24-HR COMP
	PERMITTED			16		
342061050 ACENAPHT DLY MAX	REPORTED	0	MG/L		2/MONTH	24-HR COMP
	PERMITTED	0.05000		16		
342201024 ANTHRCEN DLY AVG	REPORTED	0	MG/L		2/MONTH	24-HR COMP
	PERMITTED			16		
342201050 ANTHRCEN DLY MAX	REPORTED	0	MG/L		2/MONTH	24-HR COMP
	PERMITTED	0.05000		16		
342421024 BENZFLTN DLY AVG	REPORTED	0	MG/L		2/MONTH	24-HR COMP
	PERMITTED			16		
342421050 BENZFLTN DLY MAX	REPORTED	0	MG/L		2/MONTH	24-HR COMP
	PERMITTED	0.05000		16		
342501024 BENZ PYR DLY AVG	REPORTED	0	MG/L		2/MONTH	24-HR COMP
	PERMITTED			16		
342501050 BENZ PYR DLY MAX	REPORTED	0	MG/L		2/MONTH	24-HR COMP
	PERMITTED	0.05000		16		
343201024 CHRYSENE DLY AVG	REPORTED	0	MG/L		2/MONTH	24-HR COMP
	PERMITTED			16		

COMMENTS AND EXPLANATIONS *(Reference all attachments here)* This plant operates in 2 to 4, non-consecutive shifts (batch mode). A 24-hr.composite sample is not possible.

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TELEPHONE NUMBER	Art Soto		
AREA CODE / NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR 06 MO. 07 DAY 05
412 / 2088805	Mitchell D. Brourman		
AREA CODE / NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR 06 MO. 07 DAY 05

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

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Beazer East, Inc.
436 7TH AVE
PITTSBURGH PA 15219-1818

SYS	PERMIT NUMBER	SEQ	YEAR	MO	ED
40B	WQ0003388-000	-1	06	06	9241

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343201050 CHRYSENE DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000		16	2/MONTH	24-HR COMP
343761024 FLUOTHEN DLY AVG	REPORTED	0	MG/L			
	PERMITTED			16	2/MONTH	24-HR COMP
343761050 FLUOTHEN DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000		16	2/MONTH	24-HR COMP
343811024 FLUORENE DLY AVG	REPORTED	0	MG/L			
	PERMITTED			16	2/MONTH	24-HR COMP
343811050 FLUORENE DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000		16	2/MONTH	24-HR COMP
344031024 INDI-3PY DLY AVG	REPORTED	0	MG/L			
	PERMITTED			16	2/MONTH	24-HR COMP
344031050 INDI-3PY DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000		16	2/MONTH	24-HR COMP
344611024 PHNANTHR DLY AVG	REPORTED	0	MG/L			
	PERMITTED			16	2/MONTH	24-HR COMP
344611050 PHNANTHR DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000		16	2/MONTH	24-HR COMP
344691024 PYRENE DLY AVG	REPORTED	0	MG/L			
	PERMITTED			16	2/MONTH	24-HR COMP
344691050 PYRENE DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000		16	2/MONTH	24-HR COMP

COMMENTS AND EXPLANATIONS *(Reference all attachments here)* This plant operates in 2 to 4, non-consecutive shifts (batch mode). A 24-hr.composite sample is not possible.

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NAME	SIGNATURE	DATE
Alt Soto	Art Soto	06 06 15
PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY

TELEPHONE NUMBER		NAME	SIGNATURE	DATE
412	2818 8105	Mitchell D. Brourman	Mitchell D. Brourman	06 07 15
AREA CODE	NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

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PITTSBURGH PA 15219-1818

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PARAMETER		EFFLUENT CONDITION VALUE	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
345211024 BNZOGPVL	REPORTED	0	MG/L			
DLY AVG	PERMITTED			16	2/MONTH	04 24-HR COMP
345211050 BNZOGPVL	REPORTED	0	MG/L			
DLY MAX	PERMITTED	0.05000		15	2/MONTH	04 24-HR COMP
345261024 BENZANTN	REPORTED	0	MG/L			
DLY AVG	PERMITTED			16	2/MONTH	04 24-HR COMP
345261050 BENZANTN	REPORTED	0	MG/L			
DLY MAX	PERMITTED	0.05000		16	2/MONTH	04 24-HR COMP
346061024 24DIMTPN	REPORTED	0	MG/L			
DLY AVG	PERMITTED			16	2/MONTH	04 24-HR COMP
346061050 24DIMTPN	REPORTED	0	MG/L			
DLY MAX	PERMITTED	0.10000		16	2/MONTH	04 24-HR COMP
346941024 PHENOL	REPORTED	0	MG/L			
DLY AVG	PERMITTED			16	2/MONTH	04 24-HR COMP
346941050 PHENOL	REPORTED	0	MG/L			
DLY MAX	PERMITTED	0.10000		16	2/MONTH	04 24-HR COMP
392501024 NAPHTHAL	REPORTED	0	MG/L			
DLY AVG	PERMITTED			16	2/MONTH	04 24-HR COMP
392501050 NAPHTHAL	REPORTED	0	MG/L			
DLY MAX	PERMITTED	0.05000		16	2/MONTH	04 24-HR COMP
395441024 SHT-BENZ	REPORTED	0	MG/L			
DLY AVG	PERMITTED			16	2/MONTH	02 GRAB

COMMENTS AND EXPLANATIONS *(Reference all attachments here)* This plant operates in 2 to 4, non-consecutive shifts (batch mode). A 24-hr. composite sample is not possible.

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	Art Soto	Art Soto	06 07 05
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
412 208 8805	Mitchell D. Brourman		06 07 05
AREA CODE NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

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395441050 ETH-BENZ DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000			16 2/MONTH	03 GRAB
500507124 FLOW DLY AVG	REPORTED	0	MGD			
	PERMITTED	0.13000			12 3/WEEK	12 INSTANT
500507150 FLOW DLY MAX	REPORTED	0	MGD			
	PERMITTED	0.19500			12 3/WEEK	12 INSTANT
783441024 BZ(B)FLR DLY AVG	REPORTED	0	MG/L			
	PERMITTED				16 2/MONTH	04 24-HR COMP
783441050 BZ(B)FLR DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000			16 2/MONTH	04 24-HR COMP
783521024 DIBENANT DLY AVG	REPORTED	0	MG/L			
	PERMITTED				16 2/MONTH	04 24-HR COMP
783521050 DIBENANT DLY MAX	REPORTED	0	MG/L			
	PERMITTED	0.05000			16 2/MONTH	04 24-HR COMP
00821024 OD CARB DLY AVG	REPORTED	0	MG/L			
	PERMITTED	10.000			14 1/WEEK	04 24-HR COMP
00821050 OD CARB DLY MAX	REPORTED	0	MG/L			
	PERMITTED	25.000			14 1/WEEK	04 24-HR COMP
	REPORTED					
	PERMITTED					
	REPORTED					
	PERMITTED					

COMMENTS AND EXPLANATIONS *(Reference all attachments here)* This plant operates in 2 to 4, non-consecutive shifts (batch mode). A 24-hr. composite sample is not possible.

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	Art Soto		06 07 05
TELEPHONE NUMBER	PLANT OPERATOR	PLANT OPERATOR	YEAR MO. DAY
1 12 2 08 8 80 5	Mitchell D. Brourman		06 07 05
AR CODE / NUMBER	EXECUTIVE OFFICER	EXECUTIVE OFFICER	YEAR MO. DAY

006011

Beazer

BEAZER EAST, INC. C/O THREE RIVERS MANAGEMENT, INC.
ONE OXFORD CENTRE, SUITE 3000, PITTSBURGH, PA 15219-6401

July 10, 2006

Ms. Fay Duke
Project Manager, Superfund Cleanup Section
Texas Commission on Environmental Quality
MC-221, Post Office Box 13087
Austin, TX 78753

RE: Beazer East, Inc.
NPDES Permit No. TX0107522
Second Quarter 2006 Biomonitoring Report

Dear Ms. Duke:

As required by U. S. Environmental Protection Agency (USEPA) National Pollution Discharge Elimination System (NPDES) permit no. TX0107522, we would herein submit the quarterly Biomonitoring Discharge Monitoring Reports for the Beazer East, Inc. (Beazer) South Cavalcade site. However, Beazer has not received the 2006 pre-printed Discharge Monitoring Report (DMR) forms provided by the USEPA in association with this permit. We will resume completing and submitting these DMR forms when we receive them.

As noted in previous correspondence, the plant operates in a batch mode in response to the volume of groundwater that can be recovered at the site. During a typical month, the water treatment plant operates during two to four non-consecutive eight-hour shifts. For this reason, insufficient water is discharged to conduct a 24-hour composite biomonitoring test. Therefore, our report, when submitted, will be marked as "No Discharge".

If you have questions regarding this correspondence, please contact me at (412) 208-8805 or Andrew Strassner of Field and Technical Services (FTS) at (412) 429-2694.

Sincerely,

Mitchell D. Brourman
Environmental Manager

cc: C. Hueni - USEPA
M. Bollinger - Beazer
J. Helton - FTS
M. Ting- FTS
J. Zubrow – Key Environmental
File

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